

EXPERT SYSTEM AND METHOD

Abstract

A medical device programmer and a method of operation in which a first data value
5 is received and used in the execution of one or more algorithms. One or more suggested
pulse generator settings are calculated from the one or more algorithms based on the first
data value, and the one or more suggested pulse generator settings are displayed on an
interactive display screen of the medical device programmer. In one embodiment, the first
data value is a duration interval of a QRS complex. From the duration interval,
10 suggestions are made as to one or more ventricular chambers in which to provide pacing
pulses. Additionally, pacing intervals for an AV delay are suggested based on measured P-
R intervals, or pacing intervals for an LV offset are suggested based on a measured
duration interval of a V-V-interval between a right ventricular event and a left ventricular
event.

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